



# भारत का राजपत्र

## The Gazette of India

प्राधिकार से प्रकाशित

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नई दिल्ली, शनिवार, वर्ष 25, 1968 (ज्येष्ठ 4, 1890)

No. 21]

NEW DELHI, SATURDAY, MAY 25, 1968 (JYAISTA 4, 1890)

इस सामग्री में भिन्न पृष्ठ संख्या वी जारी है जिससे कि यह अलग संकलन के रूप में रखा जा सके।  
Separate paging is given to this Part in order that it may be filed as a separate compilation.

## भाग III—खण्ड 2

## PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएँ और नोटिस

## Notifications and Notices issued by the Patent Office relating to Patents and Designs

## THE PATENT OFFICE

## Patents and Designs

Calcutta, the 25th May 1968

## CORRIGENDUM

In the Gazette of India Part III, Section 2, dated the 20th April 1968, under the heading "Printed Specifications Published"

In page 151, Column 1, under Group (3)  
for No. 92058  
read No. 92085

## Applications for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

4th May 1968

115734. K. S. Venkatesh. Ellipse drawing instrument.

115735. S. C. Gupta and N. A. Ramaiah. Improvements in the process of manufacture of active carbon from cellulosic material like bagasse, paddy husk etc.

115736. General Time Corporation. Electric clock alarm system including electromagnetic vibrator.

115737. F. L. Smidt & Co. A/S. A rotary kiln. (17th May 1967).

115738. Sandoz Limited. Improvements in or relating to alicyclic compounds. [Divisional date 29th July 1966].

115739. Sandoz Limited. Improvements in or relating to alicyclic compounds. [Divisional date 29th July 1966].

115740. Sandoz Limited. Improvements in or relating to pharmaceutical compositions. [Divisional date 29th July 1966].

115741. Ciba Limited. Process for the manufacture of 1-bromo-4-acetyl-methoxyanthraquinones.

6th May 1968

115742. The Dunlop Company Limited. Improvements in or relating to the manufacture of strip material. (10th May 1967).

115743. American Home Products Corporation. Pyrimide and imidazolinyl compounds.

115744. Imperial Chemical Industries Limited. Catalytic process for the manufacture of pyridine and methyl-pyridines. (6th July 1967).

115745. Imperial Chemical Industries Limited. Catalytic process for the manufacture of pyridine and methyl-pyridines. (4th September 1967).

115746. R. G. Little. Horseshoe. (11th May 1967).

115747. Polysius GmbH. Rotary Cylindrical kiln cooler.

115748. Indian Oxygen Limited. Improvements in or relating to wire feeding. (5th May 1967).

115749. Zenith Engineering Works. Advertising or photo changing machine.

115750. M. O. Panchal. Relating to the manufacture of right hand side wire-feeding power-driven wire-stitching machine.

115751. Associated Lead Manufacturers Limited. Improvements in the manufacture of stabilizers for polyvinyl chloride compositions. (16th May 1967).

115752. G. M. Churi. Improved burner for capillary stove.

115753. D. S. Shingade and R. S. Shingade. An improved press for a machine shop.

115754. Carter Engineering Company Limited. Electric motor. (8th May 1967).

115755. The Dunlop Company Limited. Improvements in or relating to the treatment of textiles. (11th May 1967).

115756. The English Electric Company Limited. A. C. System fault indicator. (23rd May 1967).

115757. The Reborg L. Strickman Foundation, Inc. Filter material.

115758. Imperial Chemical Industries Limited. Catalyst making method. (10th May 1967).

115759. Imperial Chemical Industries Limited. Catalytic process for the manufacture of pyridine and methyl-pyridines. (6th October 1967).

115760. International Standard Electric Corporation. Miniature crossbar multiswitch. [Addition to No. 100785].

115761. Weston Instruments, Inc. Analog-to-digital converter.

115762. Bristol Aeroplane Plastics Limited. Improved method of assembling honeycomb structures. (11th May 1967).

115763. Gordon Johnson Company. Poultry eviscerating machine.

115764. N. V. Philips Gloeilampenfabrieken. Semiconductor device and method of manufacturing the same.

*7th May 1968*

115765. S. P. Jagirdar. Metal shutter arrester.

115766. M. G. Kelkar. Improved device for protection of multi-phase motors etc.

115767. V. Balaguru. Water supply pump.

115768. S. G. S. Soni. A jet propulsion engine for aircraft which has no conventional compressor and turbine, thus eliminating these moving parts.

115769. Y. S. Barve. An improved device for obtaining continuous flow of hot water.

115770. Y. S. Barve. An improved device for effecting economy in fuel in internal combustion engines.

115771. Vulcan Australia Limited. Flexible ducting.

115772. Vulcan Australia Limited. Method and apparatus for producing flexible metal ducts.

115773. Vulcan Australia Limited. Method and apparatus for wrapping elongated articles.

115774. General Electric Company. Indexable insert milling cutter.

115775. American Cyanamid Company. A composition for accelerating the growth rate of poultry and farm animals.

115776. Texaco Development Corporation. Hydrocarbon separation process. (13th June 1967).

115777. Kennecott Copper Corporation. Dispersions of phosphate-process cupric hydroxide.

115778. Didier Warke A. G. Refractory brick for industrial furnaces with metal insert anchored in the brick mass for suspension of the brick by means of a hanger.

115779. Gosudarstvenny Nauchno-issledovatel'sky Institut Organicheskikh Poluproduktov I Krasitelei. Quaternary ammonium salts of dialkylaminomethyl derivatives of alkylguanamines and methylolalkylguanamines, a method of producing them and their application.

115780. Vereinigte Deutsche Metallwerke A. G. Metal discs distinguishable or separable from each other by physical methods responding to magnetic properties.

115781. May & Baker Limited. Morpholine derivatives. (8th May 1967).

115782. Sterling Drug Inc. Process for the preparation of 1-n-butyl-2', 6'-pipecoloxylidide.

115783. Girling Limited. Means for controlling acceleration or deceleration of a wheel. (23rd May 1967).

115784. E. I. Du Pont De Nemours and Company. Improvements in or relating to herbicidal and pesticidal preparations.

115785. American Home Products Corporation. Heterocyclic compounds. (14th June 1967).

115786. Aerpat A. G. Improvements in blind hole anchor nut fastener device. [Addition to No. 108269]. (Divisional date 1st December 1966),

115787. Teeg Research, Inc. Radiation sensitive elements, methods for exposing and processing the same for the manufacture of useful articles.

115788. N. M. Chauhan. Cam.

115789. N. M. Chauhan. Device for handling discrete laminar articles.

115790. Fisons Pest Control Limited. Chemical compounds. (23rd May 1967).

115791. N. V. Philips Gloeilampenfabrieken. Operational amplifier.

115792. N. V. Philips Gloeilampenfabrieken. Circuit arrangement comprising a high voltage transistor.

115793. N. V. Philips Gloeilampenfabrieken. Tape supporting identical electrical components secured thereto.

115794. N. V. Philips Gloeilampenfabrieken. Method of providing metal layers by electrodeposition.

115795. N. V. Philips' Gloeilampenfabrieken. Improvements in and relating to methods of manufacturing semiconductor devices. (9th May 1967).

115796. Xerox Corporation. Facsimile multiplex system.

115797. Yanmar Agricultural Equipment Co., Ltd. Mud-guard for engine.

115798. Ciba Limited. Process for the manufacture of new piperazines.

115799. Ciba Limited. Process for the manufacture of new benzoxazepinones.

115800. Snam Progetti S.P.A. Process for the production of urea.

115801. International Standard Electric Corporation. Pulse generator with time delay.

115802. International Standard Electric Corporation. Frequency discriminator for pulse-shaped signals.

*8th May 1968*

115803. A. P. Naidu. Mechanical automatic stop motion in carding engine.

115804. Farbwerke Hoechst Aktiengesellschaft Vormals Meister Lucius & Bruning. Process for the manufacture of pigment preparations of azo-dye stuffs.

115805. Ordona Trudovogo Krasnogo Znameni Zavod Avrosteklo. Method for manufacturing of multi-layer glass materials.

115806. F. Steffenini. A yarn supporting member.

115807. F. Steffenini. A centering element for yarn supporting body members and supporting body members having such an element.

115808. Twei-Pat Anstalt. A loading and unloading device for loads carried on vehicles.

115809. S. S. J. Bahadur. Novel packing material.

115810. Chas Pfizer & Co., Inc. Novel 2-arylbenzo (b) thiophen-3 (2h)-one-1, 1-dioxides and 2-arylnaphtho (2, 3-b) thiophen-3 (2h)-one-1, 1-dioxides.

115811. British Insulated Callender's Cables Limited. Improvements in or relating to communication cables. (12th May 1967).

115812. American Home Products Corporation. Penicillins.

115813. Thomas Walker Limited. Improvements relating to machines for attaching pronged garment fasteners.

115814. United Shoe Machinery Corporation. Improvements in machine for applying locking patch to threaded elements.

115815. The Dow Chemical Company. Improved polymers from essentially water-insoluble unsaturated liquid monomers and process for preparing same.

115816. Reliure Industrielle S.T.D. A binder for perforated loose leaves.

115817. H. Smith. Pharmaceutical preparations containing steroid compounds having 17-halogenoalkynyl groups. (Divisional date 5th August 1964).

115818. Instrumentation Limited. Improvements in or relating to an instrument for instant temperature measurement of molten metal.

115819. Mizusawa Kagaku Kogyo Kabushiki Kaisha. Process for the preparation of phosphoric acid.

115820. T. Petzilka. Tricyclic compounds and process for the manufacture thereof.

115821. Gulf Research & Development Company. Herbicide and method of utilizing.

115822. Allen & Hanburys Limited. Therapeutic composition comprising pyridinium salt. (Divisional date 19th October 1966).

9th May 1968

115823. C. S. Rao. Improvements in or relating to pneumatic tyre equipment to carry overhead loads.

115824. Cherepovetsky Ordona Lenina Metallurgichesky zavod. Arrangement to supply steam or inert gas into the inter-bell space of blast-furnace charging equipment.

115825. Scientific Adviser to the Defence Minister, Ministry of Defence, New Delhi. Quinoxyl-resin—a new type of epoxy resin.

115826. P. C. Chandak and M. L. Toshniwal. A pumping device with bellows and tubes.

115827. Ciba Limited. Process for the manufacture of new guanylhydrazenes.

115828. Warner - Lambert Pharmaceutical Company. 1, 4-dihydro-1-substituted-6, 7-methylene-dioxy-4-oxo-3-quinoline carboxylic acid derivatives.

115829. Universal Oil Products Company. Process for alkylating aromatic hydrocarbon.

115830. Seperic. Process for preparing new diphenyl-pyridazones. (19th May 1967).

115831. National Research Development Corporation. Production of fermentation media. (17th May 1967).

115832. Alan Glasby & Company Limited. Disinfectant compositions. (9th May 1967).

115833. Olin Mathieson Chemical Corporation. Copper base alloy.

115834. Olin Mathieson Chemical Corporation. Process for treating copper base alloy.

115835. Olin Mathieson Chemical Corporation. Copper base alloy.

115836. Rayonier Incorporated. Grouting composition.

115837. Sayaji Mills Ltd. Production of fungal glucoamylase.

10th May 1968

115838. A. S. Maras. Air cooler.

115839. W. C. Smalley. An economical, solar, bi-metal, electric, cottage home or hut lighting device.

115840. Hindustan Vacuum Glass Limited. Improved stopper for vacuum flask or the like.

115841. Hindustan Vacuum Glass Limited. Improvements in or relating to thermoflasks.

115842. S. Mohan. Dynamic self calibrating device for continuous or periodic analysis of gases and vapours in mixtures.

115843. Chitta Ranjan Mukherjee. Mukherjee's easy mosquito-killer.

115844. M. S. Swaminathan. Pusa seeder.

115845. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Dyestuff preparations for the dyeing of polyamide or polyurethane fibrous materials.

115846. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the production of water-insoluble azo dyestuffs on textile material of cellulose or protein fibres.

115847. J. R. Geigy A. G. Process for the production of 1-substituted 3-arylsulphonyl ureas.

115848. Midland Silicones Limited. Organopolysiloxane compositions. (26th May 1967).

115849. The British Oxygen Company Limited. Vaporising volatile liquids. (31st May 1967).

115850. Imperial Chemical Industries Limited. Polymerisation of ethylene. (12th May 1967).

115851. Imperial Chemical Industries Limited. Improved pigment compositions. (12th May 1967).

115852. Abbott Laboratories. Process for producing 5-(hydroxyanilino)-1, 2, 3, 4-thiatriazole.

115853. Farbenfabriken Bayer Aktiengesellschaft. Anthraquinone reactive dyestuffs.

115854. Farbenfabriken Bayer Aktiengesellschaft. Azo dyestuffs.

115855. J. R. Geigy A. G. Process for making a thermostable crystalline form of a bis-triazinylamino stilbene optical brightener.

115856. Ciba Limited. Triazine derivatives and pesticidal preparations containing them.

115857. Hindustan Klockner Switchgear Limited and M. A. Joshi. An improved magnetically operated contactor for an alternating current circuit.

115858. Hindustan Klockner Switchgear Limited and M. A. Joshi. An improved magnetically operated contactor for an alternating current circuit.

#### Alteration of date

111205. The claim to priority date 23rd June 1966 has been abandoned and the application dated as of 22nd June 1967, the date of filing in India.

107655. The claim to priority date 27th October 1965 has been disallowed and the application dated as of 25th October 1966, the date of filing in India.

107766. The claim to priority date 15th September 1966 has been disallowed and the application dated as of 1st November 1966, the date of filing in India.

113518. Ante-dated to 30th November, 1966 under Section 5 of the Act.

115330. Ante-dated to 3rd August, 1966 under Section 5 of the Act.

115117. Ante-dated to 28th July 1966 under Section 5 of the Act.

105125. Post-dated to 2nd February 1967 under Section 5 of the Act.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patent's office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8 Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

105125. A. Y. Tamhane. A single phasing preventor relay. Accepted on 2nd May 1968.

*Comprising six forminals, studs, novolt, coil socket, bank of capacitors, relay coil, insulated stud, movable contactors, means for making and braking arrangements, magnetic yoke.*

106353. Arup Kumar Raha. Brooms for sweeping and dusting purposes. Accepted on 27th April 1968.

*Comprising plug, band plurality of sticks, a sheet having slit, a first and second tapered surfaces.*

106377. Electric Power Storage Limited. Electric storage cell with improved filling device. (27th July 1965). Accepted on 3rd May 1968.  
*Comprising a topping up device, a conduit, partition, two compartments, vent passages inlet vessel, air lock conduit vented compartment.*

106394. Her Majesty's Postmaster General, London. Improvements in or relating to signalling systems for telecommunication systems. (29th July 1965). Accepted on 29th April 1968.  
*Comprising a transmitter linked to a receiver by a transmission path having at least two conductors, the transmitter includes conversion means for converting each different item of information to be sent and receiver having means for identifying the values it receives.*

106476. Veb Elektro-Apparate-Werke Berlin-Treptow. Circuit arrangement to warrant the excitation of the transient effect with a transverter, particularly with such one, the load of which is permanently or intermittently connected up also during the state of rest. Accepted on 3rd May, 1968.  
*Comprising a primary and secondary circuit characterized in providing switching device consisting of a push key having a first and second contact, said first being a switching in contact and provided in the primary circuit and said second contact being a sequence contact provided in the secondary circuit.*

106487. The Dunlop Company Limited. Fabricless pneumatic tyres and method for the manufacture thereof. (12th August 1965). Accepted on 3rd May 1968.  
*Comprising a pair of spaced beads, shaped flexible composition, interpolymer of ethylene, a blend of a crystalline olefine homopolymer, plastomeric copolymer.*

106649. M & T Chemicals Inc. Electrodeposition of tin and tin oxide sol suitable for use in the same. Accepted on 3rd May 1968.  
*Characterised by using a tin oxide sol in the electrolyte bath and an insoluble anode.*

107655. Imperial Chemical Industries Limited. Process for the manufacture of new dyestuffs and cellulose textile materials coloured therewith. Accepted on 25th April, 1968.  
*Reacting a water-soluble dyestuff compound containing a benzamido or benzene sulphonamido group with an anhydride or acid halide.*

107671. Gulf Research & Development Company. Process for dehydrogenating oxygenated hydroaromatics and method for producing catalyst therefor. Accepted on 26th April 1968.  
*Comprises contacting an oxygenated hydroaromatic compound wherein the oxygen is directly connected to a hydroaromatic ring carbon atom under dehydrogenation conditions with a catalyst comprising tin.*

107700. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Copolymers and process for their manufacture. Accepted on 27th April 1968.  
*Catalytically polymerising comonomer mixture of 0-10% by weight of cyclic ether, 80-98% trioxan and 0.05-10% of prepolymer of molecular weight within 176-2,000, reaction product 1, 2 (5-11)-trial, of a - (n - diol) of mol. weight 62-1,000, monohydric alcohol and formaldehyde.*

107737. K. C. Purohit, C. Nanjundayya and S. G. Shevade. A device for reducing the end-breakages on a cotton ring spinning frame Accepted on 30th April, 1968.  
*Comprises a yarn guide is provided with a top central hole communicating with a helical groove on the surface thereof through an inclined slot.*

107766. Siemens Aktiengesellschaft. Improvements in or relating to pneumatic mechanisms for office machine such as a typewriter carriages. Accepted on 1st May, 1968.  
*Means for braking the carriage of a type writer wherein a stop pin co-operates with a stop on a movable carriage carries a piston disc co-operating with a brake and is guided by end plates.*

107788. United States Steel Corporation. Control system for vapor-deposition coating apparatus. Accepted on 4th May 1968.\*  
*Comprising a crucible, strip adapted to contain coating metal, electron gun thermionic emitter, means for supplying electric power, voltage-control means, speed indication means.*

107819. Dunlop Rubber Company Limited. Pneumatic tyres. (16th November, 1965). Accepted on 3rd May 1968.  
*Wherein the fabricless tyre comprises a flexible composition extending between a pair of spaced beads the composition comprises an elastomeric block copolymer having a formula A-(B-A)<sub>n</sub> in which A is a polymer block, B is an elastomeric block and n is an integer.*

107850. The Natural Rubber Producers' Research Association. Improvements in or relating to the treatment of rubber latex. (19th November 1965). Accepted on 3rd May 1968.  
*Comprises adding a small amount of a salt of salicylic acid to a natural rubber latex or to a stabilised latex of a synthetic cis-polyisoprene.*

107852. Farbenfabriken Bayer Aktiengesellschaft. Process of brightening synthetic fibre materials and the materials so brightened. (10th June 1966). Accepted on 2nd May 1968.  
*Comprising condensing 4-acetylamoно-salicylidene-aniline of the hereinbefore described formula (II) with a pyrazolyl-1-acetic acid of the hereinbefore described formula (III) hydrolysing the resultant acetylamino compound of the hereinbefore described formula (IV) to form the corresponding free amine, diazotising the free amine, reacting the resulting diazonium salt with a primary aromatic amine which couples in the ortho-position to its primary amino group, and oxidising the resultant O-azinoazo dyestuff to form the corresponding triazole compound.*

107871. Farbenfabriken Bayer Aktiengesellschaft. Production of anthraquinone dyestuffs and the dyeing of textile materials therewith. (20th May 1966). Accepted on 2nd May 1968.  
*Comprising reacting the anthraquinone compound containing a sulphonic-acid halide group with a phenol substituted phenol or naphthol and subsequently introducing two auxochromes.*

107879. F. X. Rosele and A. M. Muller. Apparatus for cleaning the drawing rollers in spinning machines. Accepted on 7th May 1968.  
*In which a substantial portion of the cleaning roller is enclosed by a suction trough which is provided with one or more passages for drawing in the broken rovings and threads.*

107882. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to agents and methods of weed control in cereals or rice cultures. Accepted on 27th April 1968.  
*Comprises a mixture of 2, 6-dichlorobenzonitrile and a substituted phenoxy propionic acid on its salt or ester.*

107897. Sandvikens Jernverks Aktiebolag. Improvements in razor blades. (17th October 1966). Accepted on 4th May 1968.

A razor blade of hardened steel of martensitic structure and consisting of from 0.32 to 0.17% carbon, 12-16% chromium, 0-0.5% silicon, 0-0.5% silicon, 0-0.5% manganese, 0-0.5% nickel, balance is iron and usual impurities.

107940. Calumet & Hecla, Inc. A combination of annular structure for holding a drawing die or the like and means for periodically contracting and expanding the annular structure. Accepted on 4th May, 1968.  
*An annular structure for holding a drawing die and means for periodically contracting and expanding the former at a predetermined frequency.*

107982. Council of Scientific and Industrial Research. Stable castable suspensions of non plastic aluminosilicate materials and methods of making the same. Accepted on 3rd May 1968.  
*Stable castable suspension of kyanite sillimanite and other non-plastic non-clayey aluminosilicate minerals as well as mullite obtained by calcining with no addition of clay, being prepared by controlling the grain size of the solid constituents in the range of 9 to 2 microns.*

108016. Societe Rhodiaceta. Improvements in the production of linear polyesters and yarns made therefrom. Accepted on 2nd May 1968.  
*Polycondensing bis-( $\omega$ -hydroxyalkyl) terephthalates and then oligomers in presence of triethanolamine catalyst.*

108081. Council of Scientific and Industrial Research. Refractory ramming, plastering and patching mixes. Accepted on 3rd May 1968.  
*Consisting of kyanite and a chemical bond of acid or acids of phosphorus mixed or not mixed with acids of chromium.*

108124. Uniroyal, Inc. formerly known as United States Rubber Company. Improvements in emulsion addition polymerization for the production of addition polymers. Accepted on 4th May 1968.  
*Comprises adding to the emulsion polymerisation system a new emulsifier of the type  $RS(CH_2CR_1COOH)_n(CH_2CR_2CONH_2)_mH$ .*

108151. Ciba Limited. Pesticides. Accepted on 2nd May 1968.  
*Comprises upto 50% by weight of phosphoric acid phenol ester  $R_1R_2P=O-C_6H_4Hal.C(R_3)_2$  ad-*  

$X$

*mixed with carrier,  $R_1$  and  $R_2$  being alkyl radical with upto 5-carbon atoms  $X$  is sulphur or oxygen and  $R$  is alkyl radical with 1-4C-atoms.*

108321. Birfield Engineering Limited. Improvements in or relating to universal joints. (22nd January 1966). Accepted on 7th May, 1968.  
*Having two yoke members connected by a cross with four projecting journal pages which engage bearing bushes mounted in the yoke, each bush fitted in a journal bore and at least in part retained therein by settable liquid compound.*

108531. Phillips Petroleum Company. Improved method for production of carbon black. Accepted on 4th May 1968.  
*Characterised by adjusting static pressure within the furnace and adjusting reactant feed rate.*

108568. Chicago Pneumatic Tool Company. Improvement in or relating to rotary tools. Accepted on 3rd May 1968.  
*Including a pneumatically powered motor driving an output spindle, valve controlling flow of air to motor, manually operable means for the valve, and overspeed control means for the motor for automatically closing the valve independently of manually operable means.*

108575. Rexall Drug and Chemical Company. Improved suspension polymerization process for the polymerization of vinyl aromatic compounds. Accepted on 3rd May 1968.  
*Comprises carrying out the polymerization in the presence of a peroxide initiator comprising (a) a low temperature organic peroxide and (b) a different organic peroxide selected from tertiary butyl peracetate and tertiary butyl peroxy isopropyl carbonate.*

108655. M & T Chemicals Inc. Stabilised halogen containing polymer compositions. Accepted on 2nd May 1968.  
*Butyl thiostannic acid 2, 6-di-tert-butyl-p-Cresol and dibutyltin bis iso-octyl mercapto-acetate are added to the halogen containing polymer.*

108678. Pilkington Brothers Limited. Improvements in or relating to stirring apparatus. (6th January 1966). Accepted on 7th May 1968.  
*Comprising an elongated refractory body and a fluid cooled axial reinforcement housed within the refractory body.*

108791. Landbouwwerktuigen-En Machine-Fabriek H. Vissers N. V. Improvements in and relating to spreading machines. Accepted on 3rd May 1968.  
*Comprising, elongated receivable, gutter frame of the machine, spreading device, one row of outlets drill tubes.*

108869. Farbenfabriken Bayer Aktiengesellschaft. Process for the dyeing of textile materials. Accepted on 6th May 1968.  
*Characterises in the use of a polyglycol ether as dispersing agent in the process for the dyeing of textile material with aquas dispersions of 3-imino-isindolenine.*

108923. C.A.V. Limited. Electric control circuits internal combustion engine starting aids. (20th May 1966). [Addition to No. 107211]. Accepted on 4th May 1968.  
*Provided a single operator controlled means to control the flow of electric current from a source to the starting aid and to the starting mechanism, the arrangement being such that said mechanism and said aid are energised at substantially same time.*

108956. Ahmedabad Textile Industry's Research Association. Process of finishing cotton or other cellulosic materials for imparting permanent brightening effect thereto and the materials so treated. Accepted on 4th May 1968.  
*Treating cellulosic materials with a paste composed of thickener, optical brightening agent, cross-linking agent, catalyst and softener.*

109003. Farbenfabriken Bayer Aktiengesellschaft. Reactive dyestuffs and process for their preparation. (4th January 1967). Accepted on 3rd May 1968.  
*Coupling 1-amino-8-hydroxynaphthalene, 3, 6-disulphonic acid in acid medium with a diazo compound and therein alkaline medium with another diazo compound.*

109027. Aktiebolaget Svenska Flaktfabriken. A device for directed air supply in rooms. Accepted on 3rd May 1968.  
*Characterized in that perforated plate is attached to the box by means of adjustable screws to obtain a variable free outlet slot between the perforated plate and the flanges around open side of the distribution box.*

109115. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to devices for producing cold, more particularly at very low temperatures. Accepted on 2nd May 1968.  
*Characterized in that the device has one or more channels each containing a medium which can travel forwards and backwards by the action of piston-like bodies coupled to a driving mechanism.*

109125. Politechnika Warszawska. Method for producing anticorrosive hot-dip strippable coating material. Accepted on 2nd May 1968.

Characterized in that as a thermoplastic polymer the polypropene is used in the proportion of below 60 per cent by weight of the whole mixture plasticizer polymer.

109179. Farbenfabriken Bayer Aktiengesellschaft. Dyeing shaped articles of polyacrylonitrile. (27th September 1966). Accepted on 4th May, 1968.  
*Dyeing shaped articles of polyacrylonitrile by means of cationic dyes in presence of a quaternary ammonium compound characterised in that as quaternary ammonium compound there is used a quaternisation product of a polyamine polycether.*

109312. The B. F. Goodrich Company. Composition comprising blend of thermoplastic polyurethane elastomer and phenoxy resin. (30th March 1966). Accepted on 6th May 1968.  
*Comprising the mixture of 100 parts by weight of a thermoplastic polyurethane elastomer.*

109330. F. L. Smith & Co. A/S. A method of and a plant for the manufacture of corrugated building sheets. (17th February 1966). Accepted on 4th May, 1968.  
*In which a plane plastic sheet is successively subjected to corrugation, deposited on a corrugated moulding plate supplied from a stack to form a sheet and moulding plate pair and deposited on top of a mixed stack of similar pairs the operations being carried on two parallel conveying paths, a primary and a secondary path, the corrugation taking place on primary path whereas de-stacking of the plates and building of the mixed stack take place in the secondary path.*

109403. The Cross Company. Mechanical workpiece transfer system. Accepted on 2nd May 1968.  
*An arm pivotally mounted at one end for movement about a first axis, transfer bar means slidably disposed for longitudinal reciprocating movement normal to the first axis for transferring work associated therewith, means pivotally and slidably interconnecting the arm and the transfer bar means and rotatable drive means.*

109424. J. Binns. Cutting tool for shaping a workpiece. Accepted on 3rd May 1968.  
*Comprising a shank having a nose including a forward face, a multiplicity of individual inserts each having at least one cutting edge to engage a workpiece and means supporting the individual inserts.*

109449. Basic Incorporated. Process for dead burning dolomite. (3rd May, 1966). Accepted on 6th May 1968.  
*Comprising calcining a dolomitic limestone to form a quicklime, subjecting the quicklime to hydration under pressure, and shaping and sintering the hydrated quicklime without addition of dead burning agents.*

109464. Progil. Apparatus for granulation and drying fluid products. Accepted on 2nd May 1968.  
*Comprising a vertically extending chamber having a downwardly converging lower zone, the upper portion of a diverging part, a gas guiding body is defined by an upwardly converging wall and the lower part of which is defined by an upwardly diverging wall.*

109775. Algemene Kunstzijde Unie N. V. A method of covering a substrate with a layer of bitumen based material reinforced with synthetic threads, and the products thus obtained. Accepted on 4th May 1968.  
*Applying a covering layer based on bitumen and reinforced with threads comprised of synthetic linear polycondensation products pretreated with montan resin.*

110076. Veb Farbenfabrik Wolfen. Process for the preparation of a mercapto-thiophosphoric acid ester. (1st February 1967). Accepted on 4th May 1968.  
*Reacting dimethyl thiophosphoric acid chloride with sodium nitrophenolate followed by reaction with sodium hydroxide and monothioglycol-S-methyl ether at 30°C.*

110090. Council of Scientific and Industrial Research. Improvements in or relating to the preparation of graft copolymers of acrylonitrile, butadiene and styrene. Accepted on 4th May, 1968.  
*Homopolymerizing butadiene with styrene or acrylonitrile and grafting with a mixture of styrene and acrylonitrile in presence of an organic solvent.*

110214. E. Breetvelt. Improved metal plate shearing machine. Accepted on 3rd May 1968.  
*Comprising a stand supporting a rigid table, single blade, horizontal slot, beam, means for reciprocity the beam.*

110235. Centre De Recherches De Pont-A-Mousson. Liquid pouring installation. Accepted on 3rd May 1968.  
*Comprising vessel, pouring tube valve regulating the fluid pressure, control device, means for measuring the pressure of the fluid, pressure regulator, combining apparatus.*

110368. Imperial Chemical Industries Limited. Thermoplastic strut reinforcesheet material and a process and apparatus for its production. (25th May 1966). Accepted on 3rd May 1968.  
*Strut reinforced sheeting die wherein the mandrels positioned within the die oscillate transversely within and with respect to the die.*

110385. L. E. Landeborg, S. T. Henriksson, and R. L. Moutka. A bogey for low-built railway carriages. Accepted on 3rd May 1968.  
*Comprising wheel axle units, two longitudinal beams, resilient bearing frame girder unit, carriage body elements spring, wheels.*

110590. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to planar transistors and circuits including such transistors. Accepted on 1st May 1968.  
*Comprising a semiconductor body having a first second and third region the second region i.e. base region extends beside the emitter region to such an extent that the contact area connected to the emitter region lies wholly above the base region.*

110967. Wellworthy Limited. Improvements in or relating to piston rings. (6th June 1966). Accepted on 2nd May 1968.  
*Comprising two rails annularly formed from flat strip material, a carrier member to provide upper and lower rail abutting limbs and spring expander means locatable between the limbs and arranged to exert axial pressure on said limbs and radial pressure on that portion of the carrier member between said limbs.*

111097. Shell Internationale Maatschappij N. V. An insecticidal composition. Accepted on 6th May 1968.  
*Comprising a volatile insecticidal organic phosphorus compound with a carrier, said composition coated with outer layer.*

111206. The Metal Box Company Limited. Improvements in or relating to sheet metal components for containers. (23rd June 1966). Accepted on 2nd May 1968.  
*Having a pull tab secured to the tear out portion by a connecting member or by a rivet joint wherein a sealing medium is applied to the component to cover the joint at the position of connection of the tear out portion to the pull tab and score lines to guard against leakage.*

111226. Diogyori Gepgyar. Swaging Hammer. Accepted on 4th May 1968.

*Comprising a machine frame, a movable drive block, a piston working in a cylinder formed in said block.*

111237. Amsted Industries Incorporated. Molds suitable for use in forming metal castings. Accepted on 4th May 1968.

*Wherein drag and cope having plate forming portions formed of resin-bonded sand, and the remainder of the molding portions of said cope and drag being formed of graphite.*

111238. The Mead Corporation. Method for producing metal fiber webs and product. Accepted on 1st May 1968.

*A primary dyer of supporting fibres is deposited on the forming wire prior to deposition of a layer of metal fibres.*

111282. Imperial Chemical Industries Limited. New reactive dyestuff composition. (18th July 1966). Accepted on 4th May 1968.

*Mixture of reactive dyestuffs of anthrquinone series.*

111458. Forsvarets Fabriksverk. Smoke ammunition. Accepted on 2nd May 1968.

*Comprising a liquid smoke producer characterised in that it is mixed with a well dried powder of synthetic calcium silicate or any other material having adsorption qualities and a detonator.*

111510. Farbenfabriken Bayer Aktiengesellschaft. Process for the production of polymers and copolymers with a sponge-like structure. Accepted on 2nd May 1968.

*A monofunctional and/or a polyfunctional monomer is polymerised in suspensions in the presence of 10 to 100% by weight of a non-ionic surface active substance.*

111545. Compagnie Des Ateliers Et Forges De La Loire (St Chamond-Firminy-St Etienne-Jacob-Holtzer). Forging apparatus. Accepted on 7th May 1968.

*Comprising a fibrating apparatus proper and a separate distributor for controlling the movable fibrating members of said apparatus.*

111762. Aktiebolaget Svenska Flaktfabriken. A method and an apparatus for the drying of wood in a channel. Accepted on 1st May 1968.

*The gas introduced between two sections of the channel by automatic regulating means is given such a temperature and humidity that the partial flow of driving medium caused to flow through second section of channel obtains constant temperature and humidity subsequent to its passage through second section.*

111775. Farwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for improving the drawability of shaped structures of linear polyesters. Accepted on 1st May 1968.

*Wherein heat treatment carried out at temperature  $T$  °C and time  $T$  secs to meet the general equation  $T = A - X \ln t$ .*

111884. Seibu Gomu Kagaku Kabushiki Kaisha. Improvements in or relating to fender system. Accepted on 30th April 1968.

*Comprising a plurality of buffering means and a plurality of receiving means.*

111950. Foseco International Limited. Improvements in or relating to metal casting and process and flux compositions therefor. (16th August 1966). Accepted on 6th May 1968.

*Comprises top pouring molten metal steel through a flux composition comprising one or more fluorides and one or more alkali metal carbonates.*

112087. Mitsubishi Rayon Co. Ltd. Polynosic fibers and process for producing the same. Accepted on 3rd May 1968.

*Characterised by extruding viscose having a value of 50 into a coagulation bath containing formaldehyde, stretching in a second bath and treating the filaments in a third bath containing alkali metal salt of mineral acid and regenerating the fibres.*

111205. F. L. Smidth & Co. A/S. Improvements in or relating to a method of producing ground material and a grinding mill therefor. Accepted on 4th May 1968.

*Comprises allowing the ground material to pass with grinding bodies from the grinding chamber to a discharge chamber and returning grinding bodies from discharge chamber to the grinding chamber at substantially the same rate as they enter it.*

112728. The Gillette Company. Strip curvature sensing apparatus. Accepted on 3rd May 1968.

*A movable contact surface for strip material feed means for passing strip material over said contact surface, detector for detecting movement of contact surface in response to the strip material.*

112252 Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Clamping arrangement for stretching plastic films. Accepted on 30th April 1968.

*Comprising means of a clamp lever pressing against the film or the clamp support by spring power, which clamp lever is provided at its lower end with a freely rotatable roller.*

112275. The B. F. Goodrich Company. Method for preparing aliphatic trienes (21st September 1966). Accepted on 4th May 1968.

*Reacting conjugated dienes with ethylene in presence of a catalyst comprising nickel in a reduced state.*

112446. Halcon International, Inc. Purification of propylene oxide. Accepted on 3rd May 1968.

*Comprising fractionating propylene oxide in presence of at least one part by weight of a solvent hydrocarbon containing 8—15 carbon atoms per three parts by weight of propylene oxide.*

112532. Union Carbide Corporation. Process for producing low carbon ferrochromium. Accepted on 4th May 1968.

*Introducing high carbon ferrochromium-oxidant mixture prior to heating into a heat consumable container and heating said container to cause reaction of the mixture and production of ferrochromium wherein container is decomposed.*

112996. Aktiebolaget Kamyr. Grinding apparatus. Accepted on 24th April 1968.

*Apparatus for defibrating or refining of cellulosic material consisting of two independently rotary grinding discs, the active faces of which are located in substantially the same plane perpendicular to the common axis of rotation and the working faces of the two grinding discs are located in annular zones of different radial extensions.*

113085. Universal Oil Products Company. Hydrocarbon isomerization process. Accepted on 4th May, 1968.

*Introducing paraffin hydrocarbons into a first catalyst bed maintained at isomerisation conditions, isomerising a portion thereof, withdrawing effluent from said first bed, cooling said effluent, introducing cooled effluent into a second catalyst bed and thereafter effecting further isomerization.*

113518. Imperial Chemical Industries Limited. Improved oriented films. (21st February 1966). [Divisional date 30th November 1966]. Accepted on 1st May 1968.

*Covering with thermoplastic polymer with lower softening point stretching to produce covering fifty times thinner than coated film.*

112401. The National Cash Register Company. A filter for a cigarette and cigarettes so filter-tipped. Accepted on 2nd May 1968.

*Filter comprising a deformable tube containing minute pressure—rupturable capsules containing liquid aromatic substance.*

115117. Her Majesty's Postmaster General, England. A step-by-step switching system for a communication system. [Divisional date 28th July 1966]. Accepted on 29th April 1968.

*Comprising a number of switching stages at least one of which includes a signal receiver for receiving signals a translator for translating the received signals into appropriate routing instructions and control means.*

115330. The Dunlop Company Limited. Fabricless pneumatic cycle tyres. (12th August 1965). [Divisional date 3rd August, 1966]. Accepted on 5th May 1968.

*Comprising a pair of spaced beads, shaped flexible composition of young modulus  $4.5 \times 10^2$  per square inch, elongation not more than 15 per cent in length, to a load of 10 per square inch at  $30^\circ\text{C}$ .*

#### Patents Sealed

96317. 100111. 100606. 101407. 101515. 101565. 101585.  
 101652. 101831. 102020. 102186. 102250. 102460. 102699.  
 102757. 102814. 102818. 102819. 102831. 102834. 102840.  
 102877. 102885. 102892. 102896. 102906. 102975. 103004.  
 103009. 103010. 103019. 10309. 103116. 103121. 103256.  
 103358. 103384. 103447. 103607. 103611. 103647. 103655.  
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 104557. 104621. 104922. 104970. 105006. 105156. 105177.  
 105252. 105441. 105561. 105936. 106001. 106586. 106980.  
 107639. 108035. 108382.

#### Amendment Proceedings

##### (1)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that Rohm & Haas Company, a corporation organized under the laws of the State of Delaware, United States of America, of 222 West Washington Square, Philadelphia 5, State of Pennsylvania, United States of America, Manufacturers, seek leave to amend the description and claims in the specification in respect of the patent application No. 95004. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

##### (2)

The amendment proposed by Carding Specialists (Canada) Limited in respect of patent No. 65531 as advertised in the Gazette of India, Part III, Section 2, dated the 30th December 1967 has been allowed.

#### Renewal Fees Paid

49670. 51381. 51814. 51819. 51857. 52126. 52156. 52201.  
 52396. 52418. 52436. 54594. 54753. 54859. 54896. 55157.  
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 71848. 71902. 71954. 72038. 72113. 72138. 72168. 72194.

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 98378. 98387. 99488. 99934. 99938. 100027. 100139. 100278.  
 100737. 101115. 104868.

#### Cessation of Patents

43103. 44314. 44315. 47279. 47281. 47292. 49545. 49556.  
 51852. 51858. 51864. 51894. 52163. 52424. 52475. 52624.  
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 87873. 87876. 87877. 87882. 87885. 87888. 87891. 87893.  
 87894. 87906. 87946. 87953. 93011.

#### Restoration Proceedings

##### (1)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 81799—Comet Industrial Corporation.

The patent ceased on the 17th April 1966, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 15th April 1967. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933 at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 6th July 1968.

##### (2)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 83747—Gajanan Shankar Juvekar.

The patent ceased on the 16th August 1967, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 10th February 1968. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs

Rules, 1933 at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 6th July 1968.

(3)

An order has been made on the 13th March 1968 restoring the patent No. 78945, dated as of the 20th October 1961 granted to Carpeo Research & Engineering Inc., for "belt conveyor".

### Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 131944. Ajit Radio Corporation, an Indian Firm, 7, Ganga Graha, Sir Vithaldas Nagar, North Avenue Road, Santa Cruz (West), Bombay-54, (Maharashtra), "Fluorescent choke", October 5, 1967.

Class 1. No. 132235. Ram Kishore, 3951, Gali Abiran, Pahari Dhiraj, Sadar Bazar, Delhi-6, Indian National, "Hair clip", November 27, 1967.

Class 1. No. 132374. Olympia Werke Aktiengesellschaft, a body corporate organised under the laws of the Federal Republic of Germany, 2940, Wilhelmshaven, Federal Republic of Germany, "Typewriter", December 6, 1967.

Class 1. No. 132379. Pilot Man-Nen-Hitsu Kabushiki Kaisha (known as The Pilot Pen Co. Ltd.), a joint-stock company of Japan, 7-3, 2-Chome Kyobashi, Chuo-Ku, Tokyo-To, Japan, "A fountain pen", December 8, 1967.

Class 1. No. 132532. Olympia Werke Aktiengesellschaft, a body corporate organised under the laws of the Federal Republic of Germany, 2940, Wilhelmshaven, Federal Republic of Germany, "A typewriter", December 19, 1967.

Class 1. No. 132701. Gyan Chand Jain, 157-D, Kamla Nagar, Delhi-7, Indian National, "Dial of transistor cabinet", January 15, 1968.

Class 1. No. 132816. Ajit India Pvt. Ltd., (A company Registered under Indian Companies Act), 408, Himalaya House, Palton Road, Bombay-1 (Maharashtra), "Glazing bar", January 19, 1968.

Class 1. No. 132890. Naba Kumar Routh, an Indian National, 78, Netaji Subhas Road, Calcutta-7, West Bengal, India, "Cooking utensils (karai)", January 24, 1968.

Class 3. No. 131827. Bhairov Plastic Beads Factory, an Indian Partnership Firm, 28, Cross Street, Calcutta-7, West Bengal, India, "Beads", September 26, 1967.

Class 3. No. 132169. Bharat Swiss Footwear Company Private Limited incorporated and existing under the Indian Statute, the Companies Act (I of 1956) 8, Hamam Street, Bombay-1, State of Maharashtra, India, "Sole for footwear", November 4, 1967.

Class 3. Nos. 132204 and 132205. Bharat Swiss Footwear Company Private Limited incorporated and existing under the Indian Statute, Companies Act (I of 1956), 8, Hamam Street, Bombay-1, State of Maharashtra, India, "Soles of boots, shoes and like footwear", November 13, 1967.

Class 3. No. 132423. Krishnaswamy Naidu Rajagopal, 3B-1, Patel Road, Coimbatore-9, Madras State, S. India, subject of the Indian Republic, "An improved plastic part false twister of textile machinery", December 13, 1967.

Class 3. No. 132806. Synthetic Moulders Limited, a Company registered under the Indian Companies Act, 1956, 5, Synagogue Street, Calcutta-1, West Bengal, "Table plates", January 16, 1968.

Class 3. No. 132945. Shavak Navalsha Italia, Indian National, 104, 1st Floor, Bajson's Industrial Estate, 40 Chakala Road, Andheri (East), City of Bombay, State of Maharashtra, India, "Lamps", January 29, 1968.

Class 4. No. 132376. Dhanwantsingh Gandhi, an Indian, 8, Mirza Street, Bombay-3, (Maharashtra State), within the Union of India, "Bottle", December 7, 1967.

Class 10. Nos. 132170, 132171 and 132172. Bharat Swiss Footwear Company Private Limited incorporated and existing under the Indian Statute, the Companies Act (I of 1956), 8, Hamam Street, Bombay-1, State of Maharashtra, India, "Footwear", November 4, 1967.

Class 10. Nos. 132384 and 132385. Kwality Plastics, an Indian proprietary firm, Bombay-Agra Road, Bhandup, City of Bombay, State of Maharashtra, India, "Footwear", December 8, 1967.

Class 12. No. 132579. Dreamland Electrical Appliances Limited, a British Company, Shipyard Estate, Hythe, Southampton, Hampshire, England, "A life jacket", August 17, 1967, (United Kingdom).

Class 12. No. 132149. Namita Goswami, 7P, Mahendra Roy Lane, Calcutta-46, West Bengal, India, Indian, "Mantle for incandescent lamp", October 30, 1967.

Class 13. Nos. 133069 to 133079 and 133081 to 133095. Jiya-Jeerao Cotton Mills Ltd., Indian Company, Birlanagar (Gwalior), "Textile goods", February 15, 1968.

S. VEDARAMAN,  
Controller-General of Patents, Designs and  
Trade Marks.

